Dart Aerospace Ltd. Tuesday, 1/16/2007 11:28:25 AM Date: User: Kim Johnston **Process Sheet** : MOUNTING LUG **Drawing Name** Customer : CU-DAR001 Dart Helicopters Services Job Number : 30273 Estimate Number : 10256 -1412 : D22303 Part Number P.O. Number S.O. No. : 1/1/ : 1/16/2007 **Drawing Number** . D2230 REV F This Issue Prsht Rev. Project Number : N/A : MA : MACHINED PARTS Type **Drawing Revision** First Issue : 29806 :NIA Material **Previous Run** 300 Um: : 1/30/2007 **Due Date** Qty: Written By Checked & Approved By Added inspection level 8, and removed P/O for : Est D Comment 00.95 powder coat EC **Additional Product** Job Number: **Machine Or Operation:** Description: Seq. #: 1.0 D2423 Lug Extrusion Comment: Qty.: 0.0717 f(s)/Unit Total: 21.5145 f(s) Lug Extrusion D2423 Batch: 30012 BAND SAW BAND SAW Comment: Band Saw Cut D2423 extrusion to 0.82" Batch: 30062 HAAS1 HAAS CNC VERTICAL MACHINING #1 C207/01/19 (300 Comment: HAAS CNC VERTICAL MACHINING #1 Machine per folio D2230-3. Check for crack while loading into the machine. INSPECT PARTS AS THEY COME OFF MACHINE

Comment: INSPECT PARTS AS THEY COME OFF MACHINE

Each

300

5.0

SECOND CHECK

Comment: SECOND

## Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES									
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC inspector				
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Part No	:	PAR #: Fault Category:	NCR: Yeş	No DQA	.: 🖾	Date: 🔾	7 kala3				

QA: N/C Closed: \_\_\_\_ Date: \_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)								
DATE STEP		Corrective Action Section B		Corrective Action Section B		Verification	Annroval	Approval		
		Description of NC Section A	Initial Action Description Sign & Chief Eng Chief Eng Date		Section C	Approval Chief Eng	Approval QC Inspector			
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NOTE: Date & initial all entries

Tuesday, 1/16/2007 11:28:26 AM Date: User: 1 Kim Johnston **Process Sheet** Drawing Name: MOUNTING LUG Customer: CU-DAR001 Dart Helicopters Services Job Number: 30273 Part Number: D22303 Job Number: Seq. #: Machine Or Operation: Description: SMALL & MEDIUM FAB RESOURCE 1 SMALL FAB 1 6.0 Comment: SMALL & MEDIUM FAB RESOURCE 1 Tumble and deburr rough edges after tumbling HAND FINISHING RESOURCE #1 7.0 Comment: HAND FINISHING RESOURCE #1 Acid etch and Alodine as per QSI 005 4.1 8.0 QC5 Comment: INSPECT WORK TO CURRENT STEP POWDER COATING POWDER COATING M1103141 Comment: POWDER COATING Powder Coat Gloss White (ref. 4.3.5.1) per Dart QSI 005 4.3 INSPECT POWDER COAT/CHEMICAL CONVER 10.0 Comment: INSPECT POWDER COATINSPE 11.0 PACKAGING 1 PACKAGING RESOURCE #1 Comment: PACKAGING RESOURCE #1 Identify and Stock Location: <u>ふナ</u> QC21 12.0 Comment: FINAL INSPECTION/W/O RELEASE n Spor 23 Job Completion 

## **Dart Aerospace Ltd**

W/O:		WORK ORDER CHA	ANGES				
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No		PAR #: Fault Category:	NCR: Ye	s No <b>D</b> Q	A:	_ Date: _	

QA: N/C Closed: \_\_\_\_ Date: \_\_\_

NCR:		,	WORK OR	DER NON-CONFORMANC	CE (NCR)			
		Description of NC		Corrective Action Section B	Verification	A 1	Approval	
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	30273
Description: Mounting Lug	Part Number:	D2230-3
Inspection Dwg: D2230 Rev: F		Page 1 of 1

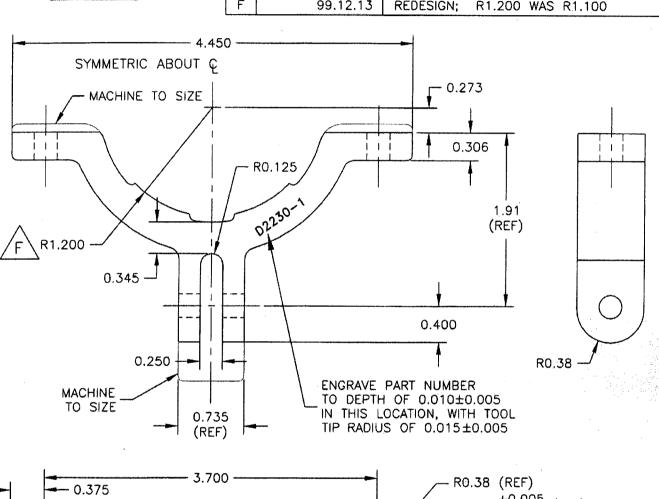
	FIRST ARTICLE INSPECTION CHECKLIST					
	X	First Arti	cle	Prof	totype	
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
4.450	+/-0.010					
0.413	+/-0.010					
0.306	+/-0.010					
3.700	+/-0.010					
0.750	+/-0.010					
Ø0.257	+0.005/-0.000					
0.375	+/-0.010					
R1.200	+/-0.010					
0.100 x 45°	+/-0.010					
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					: 1	
Measured by:		Audited by:		] [	Prototype Approv	ral: N/A
Date:		Date:			Da	te:

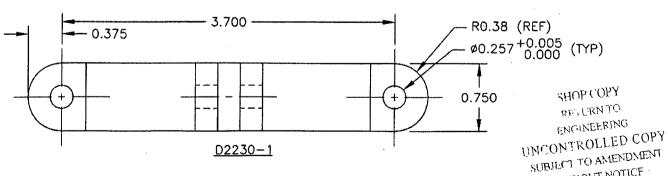
Rev	Date	Change	Revised by	Approved
Α	03.11.11	New Issue	KJ/RF	
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DESIG	P	DRAWN BY	DART AEROSPACE LTE HAWKESBURY, ONTARIO, CANADA	)
CHEC	KED,	APPROVED	DRAWING NO.	REV. F
	#	<b>*</b>	D2230 SHEE	T 1 OF 2
DATE		<u> </u>	TITLE	SCALE
 99.1	2.13		MOUNTING LUG	1:1
С		94.03.30	RE-DESIGN	
D		95.01.04	RE-DESIGN	
Ε		95.01.04	RE-DESIGN	
ر ا		00 12 13	DEDECION DI 200 MAC DI 100	

WITHOUT NOTICE





MAKE FROM EXTRUSION D2423 BREAK ALL EDGES 0.000-0.015

FINISH: ACID ETCH AND ALODINE PER DART QSI 005 4.1

POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3 TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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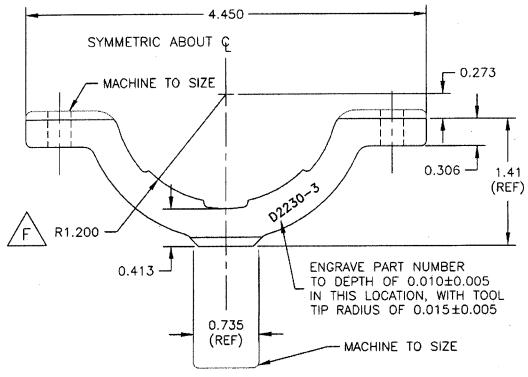


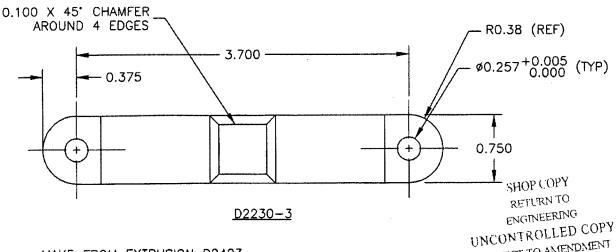


DESIGN	DRAWN BY		ROSPACE LTD vy, ontario, canada
CHECKED	APPROYED	DRAWING NO. D2230	REV. F SHEET 2 OF 2
DATE	<u></u>	TITLE	SCALE
99.12.13		MOUNTING LUG	1:1

# RELEASED

20





MAKE FROM EXTRUSION D2423 BREAK ALL EDGES 0.000-0.015

FINISH: ACID ETCH AND ALODINE PER DART QSI 005 4.1

POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3 TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

WORK ORDER

SUBJECT TO AMENDMENT

WITHOUT NOTICE

to the same and to the same of the same of



### **CERTIFICATE OF CONFORMITY**

SOLD TO:

SHIPPED TO:

Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, Ont.

same

K6A 1K7

**QUANTITY** 

PART NUMBER

PART NAME

299

D2230-3

Lug B30273

MATERIAL: supplied by DART D2423 B30062

2902

We hereby certify that the above parts were made in conformance with applicable drawings.

METEC Metal Technology Inc.

Shior (Regula) Walz

Vankleek Hill, February 6, 2007